

CLAIMS

1. An apparatus for maneuvering a vehicle having a wheel assembly, the apparatus comprising: an adjustable frame assembly adapted to be fitted to the wheel assembly, the frame assembly having first and second frame members telescopically connected to each other, a lever connected to the frame assembly operable to contract the first and second frame members together and raise the wheel assembly, the first and second frame members each having an arm, the arm having a plurality of rollers moveable into engagement with the wheel assembly when the first and second frame members are contracted, a locking member extending through aligned holes in the first and second frame members operable to lock the position of the frame assembly, the locking member moveable in an upward direction when the lever is operated to contract the frame assembly, the locking member moveable in a downward direction through a following hole in the second frame member to relock the position of the first and second frame members upon completion of the contraction movement.
2. The apparatus of Claim 1 including: a plurality of caster wheel assemblies connected to the frame assembly for supporting the frame assembly on a surface.
3. The apparatus of Claim 1 wherein: the lever is a foot pedal lever.
4. The apparatus of Claim 1 wherein: the frame member is a generally U-shaped frame adapted to be positioned adjacent opposite sides of the wheel assembly.
5. The apparatus of Claim 1 wherein: the first and second frame members are generally linear frame members having outer ends attached to outwardly directed arms.
6. The apparatus of Claim 1 wherein: the first frame member is a tubular rectangular shaped driving member, the second frame member being a tubular rectangular

sliding member telescopically received by the first member to allow contraction and expansion of the frame assembly as desired.

7. The apparatus of Claim 1 including: means located between the telescoping surfaces of the first and second frame members to reduce friction between the first and second frame members.

8. The apparatus of Claim 7 wherein: the means located between the telescoping surfaces of the first and second frame members to reduce friction between the first and second frame members is one or more spring members.

9. The apparatus of Claim 1 wherein: each arm has a roller assembly, the roller assembly having a pair of rollers rotatably mounted on the roller assembly whereby the rollers rotate relative to the outer surface of the wheel assembly when the first and second frame members are contracted to raise the wheel assembly.

10. The apparatus of Claim 9 wherein: the roller assembly is mounted on an inwardly and upwardly inclined bracket whereby one of the rollers is located inwardly and downwardly from the arm and the other roller is positioned upwardly and in general vertical alignment with the arm.

11. The apparatus of Claim 9 wherein: the roller assembly is pivotally mounted to an inwardly and upwardly bracket whereby the roller assembly is self adapting to the shape of the outer surface of the wheel assembly.

12. The apparatus of Claim 1 wherein: the second frame member has a plurality of longitudinally spaced holes, the first frame member having a hole aligned with one of the holes in the second frame member, the locking member moveable through the aligned holes to lock the position of the first and second frame members relative to one another.

13. The apparatus of Claim 1 wherein: the locking member is a pin accommodated by an upwardly projecting sleeve surrounding the hole in the first frame member, the pin having a tab member, the top of the sleeve having a downwardly extending slot open to the top of the sleeve, the tab member accommodated by the slot when the pin is in the lock position.

14. The apparatus of Claim 1 including: a pivotally mounted blocking member connected to the first frame member, the blocking member moveable between first and second positions to engage and disengage the lever.

15. The apparatus of Claim 1 wherein: the second frame member is moveable into the first frame member forcing the locking member in an upwardly direction to allow contraction of the first and second members.

16. An apparatus for maneuvering a motor vehicle in a confined space, the vehicle having one or more wheel assemblies, the apparatus comprising: a generally U-shaped frame member adapted to be positioned adjacent opposite sides of the wheel assembly, the frame member having generally linear first and second frame members, each frame member having an outer end attached to an outwardly directed arm, the second frame member having a rectangular shaped inner end telescopically received by a rectangular shaped inner end in the first frame member, each arm having a roller assembly, the roller assembly having a pair of rollers rotatably mounted on the roller assembly, a lever connected to the frame member operable to contract and expand the first and second frame members, the rollers moveable into engagement with and rotatable relative to an outer surface of the wheel assembly when the first and second frame members are contracted to raise the wheel assembly, each roller assembly being mounted on inwardly and upwardly inclined bracket whereby one of the rollers is located inwardly and downwardly from the arm and the other roller is positioned upwardly and in general vertical

alignment with the arm, the second frame member having a plurality of equally spaced holes open to the top surface of the second frame member, the first frame member having an opening aligned with one of the holes in the second frame member, the locking member extending through the opening and aligned hole to lock the position of the first and second frame members relative to one another, the second frame member moveable into the first frame member thereby forcing the locking member out of the aligned hole to allow further contraction of the first and second frame members, the locking member moveable into an adjacent hole located immediately inwardly from the aligned hole when the first and second frame members are further contracted to relock the position of the first and second frame members.

17. The apparatus of Claim 16 including: means located between the telescoping surfaces of the first and second frame members to reduce friction between the first and second frame members.

18. The apparatus of Claim 17 wherein: the means located between the telescoping surfaces of the first and second frame members to reduce friction between the first and second frame members is one or more spring members.

19. The apparatus of Claim 16 wherein: the roller assembly is pivotally mounted to the bracket whereby the roller assembly is self adapting to the shape of the outer surface of the wheel assembly.

20. The apparatus of Claim 16 wherein: the locking member is a pin accommodated by an upwardly projecting sleeve surrounding the opening in the first frame member, the pin having a tab member, the top of the sleeve having a downwardly extending slot open to the top of the sleeve, the tab member accommodated by the slot when the pin is in the lock position.